



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/791,997	03/02/2004	Daniel J. Coster	APL1P290/P3186	4300
22434	7590	12/23/2004	EXAMINER	
BEYER WEAVER & THOMAS LLP P.O. BOX 70250 OAKLAND, CA 94612-0250				PAPE, ZACHARY
ART UNIT		PAPER NUMBER		
				2835

DATE MAILED: 12/23/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

A8

Office Action Summary	Application No.	Applicant(s)
	10/791,997	COSTER ET AL.
	Examiner	Art Unit
	Zachary M. Pape	2835

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) ■ on 08 December 2004.
 2a) This action is **FINAL**. 2b) This action is non-final.
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 1-27 is/are pending in the application.
 4a) Of the above claim(s) 7-27 is/are withdrawn from consideration.
 5) Claim(s) _____ is/are allowed.
 6) Claim(s) 1-6 is/are rejected.
 7) Claim(s) _____ is/are objected to.
 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.
 10) The drawing(s) filed on 3/2/2004 is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)	4) <input checked="" type="checkbox"/> Interview Summary (PTO-413)
2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Date. <u>20041206</u>
3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____.	5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)
	6) <input type="checkbox"/> Other: _____.

DETAILED ACTION***Election/Restrictions***

1. Restriction to one of the following inventions is required under 35 U.S.C. 121:

- I. Claims 1-6, drawn to a computer comprising a housing having a removable access door, classified in class 361, subclass 683.
- II. Claim 7-13, drawn to a quick release removable fan module, classified in class 361, subclass 695.
- III. Claim 14-20, drawn to a removable disk drive in a housing, classified in class 361, subclass 725.
- IV. Claim 21-27, drawn to a cammed door mechanism for a disk drive, classified in class 361, subclass 685.

2. Inventions I-IV are related as subcombinations disclosed as usable together in a single combination. The subcombinations are distinct from each other if they are shown to be separately usable. In the instant case each of the inventions have utility separate and distinct from the other subcombinations. None of the subcombinations require that any of the other subcombinations be present in order to function. For example the removable door of Group I does not require the fan of Group II or the disk drive module of Group III, and the cammed drive door of Group IV does not require the removable door of Group I in order to operate. See MPEP § 806.05(d).

3. Because these inventions are distinct for the reasons given above and have acquired a separate status in the art as shown by their different classification, restriction for examination purposes as indicated is proper.

4. During a telephone conversation with Quinn Hoellwarth on 12-8-2004 a provisional election was made without traverse to prosecute the invention of the removable quick release panel, claims 1-6. Affirmation of this election must be made by applicant in replying to this Office action. Claims 7-27 withdrawn from further consideration by the examiner, 37 CFR 1.142(b), as being drawn to a non-elected invention.

Claim Rejections - 35 USC § 102

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

6. Claims 1-6 rejected under 35 U.S.C. 102(e) as being anticipated by Davis et al. (Patent # 6,816,391). With respect to claim 1, Davis et al. teaches a housing (10) having an access opening (located below element number 45), a removable access door (25) for tool-less placement in front of the access opening in order to prevent passage through the access opening, a quick release

latching mechanism (160) configured to facilitate the mount and release of the access door to and from the housing (Column 5, Lines 37-40).

With respect to claim 2, Davis et al. further teaches that the removable access door is secured to the housing without using fasteners.

With respect to claim 3, Davis et al. further teaches the use of a housing side locking mechanism (160) and a door side locking mechanism (20, 60, 70) that are cooperatively positioned so that when the removable access door (25) is placed in front of the access opening, the locking mechanisms are capable or lockably engaging with each other thus securing the removable access door to the housing (Column 3 Lines 40-43).

With respect to claim 4, Davis et al. further teaches the use of a plurality of retention hooks (170) located on the housing (10) that mate with a plurality of hook receivers (70) located on the removable access door (25), the retention hooks being configured to engage the hook receivers in order to hold the removable access door in front of the opening (Column 4, Lines 13-15).

With respect to claim 5, Davis et al. further teaches that the retention hooks are movable between an engagement position, coupling the retention hooks with the hook receivers, and a disengagement position, decoupling the retention hooks from the hook receivers, the removable access door being secured to the housing when the retention hooks and hook receivers are engaged, the removable access door being released from the housing when the retention hooks and hook receivers are disengaged. (Column 5, Lines 25-45).

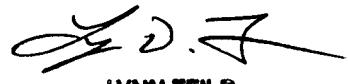
With respect to claim 6, Davis et al. further discloses that the quick release latching mechanism (160) includes a quick release handle (30) located on the outside of the housing, the quick release handle moving the retention hooks (170; Column 5, Lines 4-7) between the engagement and disengagement positions.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Zachary M. Pape whose telephone number is 571-272-2201. The examiner can normally be reached Mon. - Thur. & every other Fri. (8:00am - 5:00pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lynn Feild can be reached at 571-272-2092. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



LYNN FEILD
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2800